

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 55-125181

(43)Date of publication of application : 26.09.1980

(51)Int.Cl.

C09K 3/18  
// C03C 17/28

(21)Application number : 54-032378

(71)Applicant : WAKO PURE CHEM IND LTD  
KOIKE KAGAKU KK

(22)Date of filing : 22.03.1979

(72)Inventor : OOTANI MICHIOHITO  
TAKAHASHI KENJI  
SATO SEIGO  
TANAKA MIKIAKI  
MIYAGAWA TSUTOMU  
YAMAGUCHI OSAMU

## (54) ANTIFREEZING AGENT

## (57)Abstract:

PURPOSE: To provide an antifreezing agent which forms a protective layer having excellent adhesive properties, water resistance and wind resistance on the surface of an object, obtd. by incorporating polyacrylic acid and salt thereof into a mixt. of water and specified alcohol.

CONSTITUTION: A mixt. of water and at least one alcohol selected from lower primary alcohols such as methyl alcohol or ethyl alcohol, polyhydric alcohols such as alkylene glycol and ether alcohols such as ether alcohol of ethylene glycol is blended with 0.01W10wt% of polyacrylate contg. (meth) acrylic acid of not less than 50wt%. The blend and a propellant are enclosed in a closed vessel.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]